ELSEVIER

Tectonophysics 237 (1994) 233

TECTONOPHYSICS

Contents

Tectonophysics Volume 237

Research Papers

Further palaeomagnetic data from Chitral (Eastern Hindukush): evidence for an early India–Asia contact
C.T. Klootwijk, P.J. Conaghan, R. Nazirullah and K.A. de Jong 1
Inherited structural control from repeated Cretaceous to Recent extension in the North Mernoo Fault Zone, western Chatham Rise, New Zealand
P.M. Barnes 27
Magmatic response to abrupt changes in geodynamic settings: Pliocene–Quaternary calc-alkaline and Nb-enriched lavas from Mindanao (Philippines)
F.G. Sajona, H. Bellon, R.C. Maury, M. Pubellier, J. Cotten and C. Rangin 47
Single and joint fault plane solutions for microearthquakes in South Iceland
S.Th. Rögnvaldsson and R. Slunga 73
Short-period surface wave dispersion: noise studies and Q along seismic profiles in southern Sweden
K. Åström and C.-E. Lund 87
Reverse polarity magnetized melt rocks from the Cretaceous/Tertiary Chicxulub structure, Yucatan peninsula, Mexico
J. Urrutia-Fucugauchi, L. Marin and V.L. Sharpton 105
South Australian record of a Rodinian epicontinental basin and its mid-Neoproterozoic breakup (~ 700 Ma) to form the Palaeo-Pacific Ocean
C.McA. Powell, W.V. Preiss, C.G. Gatehouse, B. Krapez and Z.X. Li 113
GPS measurements of crustal deformation within the Pacific–Australia plate boundary zone in Irian Jaya, Indonesia
S.S.O. Puntodewo, R. McCaffrey, E. Calais, Y. Bock, J. Rais, C. Subarya, R. Poewariardi, C. Stevens, J. Genrich, Fauzi, P. Zwick and S. Wdowinski 141
The North Tanganyika hydrothermal fields, East African Rift system: Their tectonic control and relationship to volcanism and rift segmentation
C. Coussement, P. Gente, J. Rolet, J.-J. Tiercelin, M. Wafula and S. Buku 155
Intrusion and underplating of mafic magmas: thermal-rheological effects and implications for Tertiary tectonomagmatism in the North American Cordillera
M. Liu and K.P. Furlong 175
Teleseismic evidence for lateral heterogeneities in the northeastern Japan arc
D. Zhao and A. Hasegawa 189
A 2.5D interpretation of the eastern Galicia magnetic anomaly (northwestern Spain): geodynamical implications
J. Aller, H.J. Zeyen, A. Pérez-Estaún, J.A. Pulgar and J.M. Parés 201
Phyllosilicate preferred orientation in relation to strain path determination in the lower Paleozoic Stavelot–Venn Massif (Ardennes, Belgium)
M. Sintubin 215